



7241-111/10303809

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: JOHN D. BARBER et al.

Serial No. 10/643,528

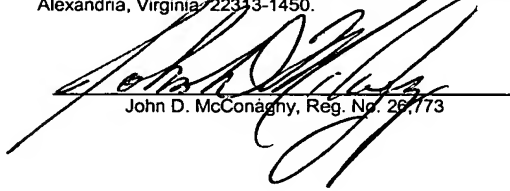
Filed: August 19, 2003

For: Additives For Use In Polymer  
Processing and Methods of  
Preparation and Use Thereof

) Group Art Unit:

) Examiner:

) I hereby certify that this correspondence (along with any  
) referred to as being attached or enclosed) is being deposited  
) this day, April 1, 2004, with the United States Postal Service  
) as first class mail in an envelope addressed to  
) Commissioner for Patents and Trademarks, P. O. Box 1450,  
) Alexandria, Virginia 22313-1450.

)   
) John D. McConaghy, Reg. No. 26,773

INFORMATION DISCLOSURE STATEMENT

Hon. Commissioner for Patents  
P. O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Applicants wish to bring to the attention of the Patent Office the following  
U.S. patents, U.S. patent application, patent publications, and three scientific articles:

- a) U.S. Patent No. 5,492,741 to Akao et al.
- b) U.S. Patent No. 3,843,591 to Hedrick et al.
- c) U.S. patent application Serial No. 09/322,211, filed May 23, 1999, now abandoned.
- d) U.S. Pat. Publication 2002/0198121, by Normane Nitzsche.
- e) U.S. Pat. Publication 2003/0069342, by Jess. R. Booth et al.
- f) International Application No. PCT/US00/14268, Publication No. WO 00/73370, now abandoned.

g) Database WPI, Section Ch, Week 198601, Derwent Publications Ltd., London, GB; Class A60, AN 1986-004356, XP002147528 & JP 60 231729A (Asahi Chem Ind Co Ltd), 18 November 1985 (1985-11-18) abstract (Cited in WO 00/73370.)

h) Database WPI, Section Ch, Week 1999348, Derwent Publications Ltd., London, GB; Class A12, AN 1993-384145, XP002147529 & SU 1 775 428 A (Kamen I Silikaty Res Prodn Assoc), 15 November 1992 (1992-11-15) abstract (Cited in WO 00/73370.)

i) DD 292 007 A (Oberspree Kabelwerke Veb K) 18 July 1991 (1991-07-18) examples 1, 2 (Cited in WO 00/73370.) Derwent abstract attached.

j) K. Lakdawala and R. Salovey, "Rheology of Polymers Containing Carbon Black", Polymer Engineering and Science, vol. 27, No. 14, 1035-1042 (1987).

k) K. Lakdawala and R. Salovey, "Rheology of Copolymers Containing Carbon Black", Polymer Engineering and Science, vol. 27, No. 14, 1043-1049 (1987).

l) L. Nuel and M.M. Denn, "Effect of Processing and Particulate Fillers on the Rheology of a Nematic Polymer Melt", Rheologica Acta 30, 65-70 (1991).

Applicants include Form PTO-1449 identifying all of the foregoing referenced information. Copies of the above-identified U.S. patent application Serial No. 09/322,211 (now abandoned), foreign application, foreign patent publications and scientific articles are submitted pursuant to 37 CFR § 1.98. Copies of the U.S. patents and patent publications are not provided in accordance with the provisions of 37 CFR § 1.98(d)(1).

The relevance of foreign language documents is their citation in WO/73370, a prior WIPO application (now abandoned) by one of the present inventors.

Applicants also inform the Patent Office that preparations of naturally occurring aluminosilicate with amorphous contents of less than about 93% by weight were sold prior to August 19, 2001. The preparations were sold for use only with thermoplastic polymers.

No fee is believed due as this statement is being submitted before the mailing of a first Office action on the merits. However, the Commissioner is hereby authorized during prosecution of this application and any related appeal, to charge any fees that may be required (except for patent issue fees required under 37 CFR 1.18) or to credit any overpayment of fees to Deposit Account No. 50-0337.

Entertainment of the Information Disclosure Statement is requested.

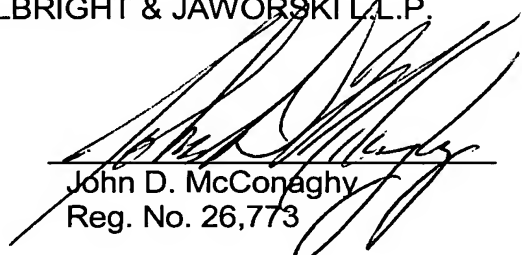
All applicable presumptions and reservations afforded by 37 CFR 1.56 et seq. regarding disclosure are incorporated herein by reference.

Respectfully submitted,

FULBRIGHT & JAWORSKI L.L.P.

Date: April 1, 2004

By:

  
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PTO/SB/08A (10-01)

Approved for use through 10/31/2002.OMB 0651-0031

U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/643528
				Filing Date	August 19, 2003
				First Named Inventor	John D. Barber
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	LA-7241-111US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-5,492,741		Akao et al.	
		US 3,843,591		Hedrick et al.	
		US Pub. 2002/019821		Normane Nitzsche	
		US Pub2003/0069342		Jess R. Booth et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		PTO/US00/14268 Pub WO00/73370	7 Dec 2000	Hi-Tech Environmental Products LLC		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See attached Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
		U. S. Patent Application Serial No. 09/322,211 filed May 23, 1999		
		Database WPI, Section Ch, Week 198601, Derwent Publications Ltd., London, GB; Class A60, AN1986-004356, XP002147528 & JP 60 231729A (Asahi Chem Ind Co Ltd), 10 November 1985 (1985-11-18) abstract (Cited in WO 0073370)		
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		K. Lakdawala and R. Salovey, "Rheology of Polymers Containing Carbon Black", Polymer Engineering and Science, vol. 27, No. 14, 1035-1042 (1987)		
		K. Lakdawala and R. Salovey, "Rheology of Copolymers Containing Carbon Black", Polymer Engineering and Science, vol. 27, No. 14, 1043-1049 (1987)		
		L. Nuel and M.M. Denn, "Effect of Processing and Particulate Fillers on the Rheology of a Nematic Polymer Melt", Rheologica Acta 30, 65-70 (1991)		

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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